



RADEON X1600 SERIES



The Absolute in Mainstream Gaming Performance!

Find yourself caught in a carnal struggle for survival on a far of world erupting with life rendered with high definition clarity and painted with vivid detail by the next generation technology of the Sapphire RADEON® X1600 Series. A tool for the performance oriented, the Sapphire X1600 Series comes equipped with the hardware muscle to deliver an entire realm of fantasy right to your desktop due in large part to the awesome feature-set of the RADEON® X1600 core, robust onboard memory configurations and 12 pipeline architecture. An impressive hardware compilation supporting CrossFire™ paired with support for Microsoft® DirectX® 9.0, Shader Model 3.0 ensures future compatibility and the advent of the ATI Avivo™ Video and Display.



PRODUCT POSITIONING
For Performance Driven Users

SAPPHIRE RADEON X1600 XT

Redefining Your Reality!

- ▶ State-of-the-art 3D performance technology
- ▶ Extreme gaming with an ultra-threaded 3D architecture
- ▶ Shader Model 3.0, high dynamic range, adaptive anti-aliasing
- ▶ Avivo™ true video and display perfection on the PC
- ▶ Support HDTV, digital and analog display
- ▶ CrossFire: multiply and conquer with multi-GPU performance
- ▶ DirectX® 9.0 and Open GL® support
- ▶ 256MB memory, 128-bit memory architecture

DVI

VGA

VIDEO OUT

HDTV



Radeon X1600 XT

Avivo™

Dual Link DVI

SM 3.0

High Dynamic Range

CrossFire-Ready

SAPPHIRE BUNDLE OPTIONS (Full Retail)

Model	S-Video	Composite	Dongle	DVI-to-VGA	HDTV Cable	VIVO Cable	Driver CD	PowerDirector	PowerDVD	Software Choice
Radeon X1600 Series	✓	✓	✓	✓	✓		✓		✓	✓

SAPPHIRE RADEON X1600 SERIES PRODUCT LINE UP

Model	Memory (MB) ¹	Bus Type ²	Core Frequency (MHz)	Memory Frequency (MHz, DDR)	Pipelines	Memory Bus (-bit)	Display Support
Radeon X1600 XT	256	PCI-E	600	1400	12	128	VGA/TVO/DVI-I
Radeon X1600 PRO	128/256/512	PCI-E	500	800	12	128	VGA/TVO/DVI-I

* Specifications subject to change without notice.

¹ For more memory information, please contact Sapphire authorized dealers near you.

² For AGP version, please contact Sapphire authorized dealers near you.

SAPPHIRE RADEON X1600 PRO

Competitive Performance!

- ▶ State-of-the-art 3D performance technology
- ▶ Extreme gaming with an ultra-threaded 3D architecture
- ▶ Shader Model 3.0, high dynamic range, adaptive anti-aliasing
- ▶ Avivo™ true video and display perfection on the PC
- ▶ Support HDTV, digital and analog display
- ▶ CrossFire: multiply and conquer with multi-GPU performance
- ▶ DirectX® 9.0 and Open GL® support
- ▶ 128/256/512 MB memory, 128-bit memory architecture

DVI

VGA

VIDEO OUT

HDTV



Radeon X1600 PRO

Avivo™

Dual Link DVI

SM 3.0

High Dynamic Range

CrossFire-Ready



RADEON X1600 SERIES

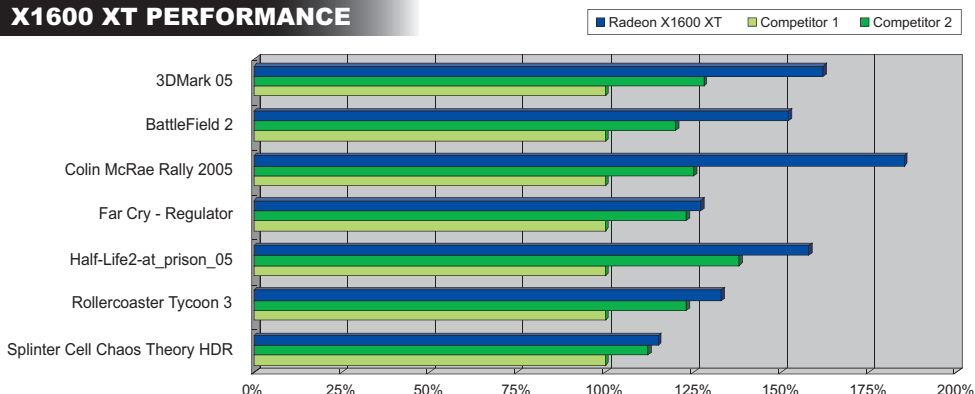


Radeon X1600 XT



Radeon X1600 PRO

X1600 XT PERFORMANCE



2D DISPLAY MODES

Resolutions, colors and maximum refresh rates (Hz) in 256, 65K or 16.7M colors

Monitor Resolution	Hz
640X480	200
800X600	200
1024X768	200
1152X864	200
1280X1024	160
1600X1200	120
1920X1080 *(16:9)	120
1920X1200	100
1920X1440	90
2048X1536	85
2560X1600	60

MAXIMUM 3D RESOLUTIONS

65K colors	2048x1536
16.7M colors	2048x1536
1.07 billion colors	2560x1600

NOTE: resolutions are limited by the performance of the attached monitor.

* 16:9 aspect ratio monitors are supported on 1920X1080 and 848X480 on Windows® XP, Windows® 2000, and Windows® ME. The complete list of resolutions depends on the driver version and operating system.

SAPPHIRE BUNDLE OPTIONS

FREEDOM of CHOICE is now here ...

Experience Sapphire Select and unlock the freedom of choice with some of today's hottest game titles.

Sapphire Select

- Some of the hottest titles to choose from!
- Play a demo of all games before deciding
- Free Trial / 1 Game Free / 2 Games Free
- Unlock other games up to 25% off



Software Choice



EXCELLENCE

Over 400 World Wide Awards since 2002

